S
553.28
O1S
DEC 1961

Montana State Library
3 0864 1005 9690 0

SHELVED WITH
PERIODICALS

Jun1977

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS
JAMES F. NEELY
EXEC. SECRETARY
JOHN H. RISKEN
ATTORNEY
ROBERT M. WATKINS
PETROLEUM ENGINEER
KENT A. BROUILLETTE
GEOLOGIST

COMMISSIONERS
G. W. YODER, CHAIRMAN
215 E. MORRILL
SIDNEY, MONTANA
E. L. ANDERSON
210 SECOND S. E.
CUT BANK, MONTANA
TED HAWLEY
CONRAD, MONTANA
IKE W. TAYLOR
BOX 349
LEWISTOWN, MONTANA
ALLEN ZIMMERMAN
BOX 277
POPLAR, MONTANA

OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. IX, No. 12 — MONTANA RECORD PUBLISHING CO. HELENA, MONTANA — DECEMBER, 1961

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of December 1961, averaged 85,920 barrels daily, a decrease of 1,678 barrels from the average November production of 87,598.

The nine refineries in the State processed 73,081 barrels of crude oil daily for the month of December, 1961, an increase of 14,053 barrels from the 59,028 barrels processed daily during the month of November, 1961.

During December, 31 wells were completed, 13 oil, 0 gas well and 18 dry holes.

During December, the commission issued 28 permits to drill new wells, a decrease of 11 from the 39 permits issued during November.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF DECEMBER, 1961

IN STORAGE DECEMBER 1st:	
By Producers	372,879
By Transporters	1,012,361
By Refiners	817,458
TOTAL STORAGE	2,202,698
Produced in Montana During Month	2,663,550
Imported During Month	1,269,523
TOTALS	6,135,771
DISPOSITION:	
Refined in Montana	2,265,523
Exported	1,897,256
Used for Fuel or Lost	16,579
TOTAL	4,179,358
IN STORAGE DECEMBER 31st:	
By Producers	386,286
By Transporters	940,839
By Refiners	629,288
TOTAL STORAGE	1,956,413

NATURAL GAS WITHDRAWALS IN MONTANA

Month of December, 1961

Field	M Cu. Ft.
Bears Den	0
Big Coulee	132,821
Bowdoin	683,717
Bowes	115,883
Box Elder	0
Cabin Creek	83,106
Cedar Creek	1,187,172
Clarks Fork	0
Cut Bank (including Reagan)	1,589,016
Devon	0
Dry Creek	329,233
Elk Basin	22,463
Flat Coulee	12,009
Golden Dome	9,217
Grandview	0
Hardin	3,956
Havre	0
Keith Block	265,176
Kevin Sunburst	89,918
Pine	62,608
Plevna	10,730
Utopia	118,855
Whitlash	96,737
Miscellaneous	15,376
TOTAL	4,827,993

Total Withdrawals for December, 1960 were 4,724,559 M Cu. Ft.

PRODUCERS REPORT—MONTH OF DECEMBER, 1961

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	426	2,306		2,245		487
4	Bannatyne	12	1,690	1,124		1,076		1,738
1	Belfry	1	259	1,128		1,142		245
1	Benrud	1		4,277		3,631		646
11	Big Wall	32	4,576	34,268	35,343			3,501
10	Blackfoot	15	3,502	9,765	2,669	5,941		4,657
5	Border	5	43	1,256		1,118		181
1	Bowes	78	4,618	16,022	15,120		100	5,420
2	Bredette, North	2	1,258	597	870			985
2	Brorson	2	1,856	2,194	1,593		99	2,358
2	Cabin Creek	104	6,340	331,948	254,615	76,237		7,436
15	Cat Creek	96	3,879	18,621	18,459		57	3,984
1	Clark's Fork, North	2	151	1,237		1,388		
1	Cupton	1	664	838				1,502
345	Cut Bank	1,038	125,762	154,457	148,218		48	131,953
3	Deer Creek	6	1,850	16,002	14,809			3,043
2	Delphia	2	803	292	652			443
	Devil's Bansin		889					889
4	Dry Creek	4	1,214	2,018	1,770			1,462
17	Dwyer	18	11,162	72,053	13,869	56,785	44	12,517
7	Elk Basin	52	3,029	273,976	274,676			2,329
	Fertile Prairie		168					168
2	Frannie	2	462	2,018	1,926			554
2	Gage	2	698	713	957			454
4	Gas City	10	7,280	58,878	57,521			8,637
6	Glendive	11	1,643	43,743	41,999			3,387
4	Gypsy Basin	4	1,967	835	699			2,103
2	Hibbard	2	944	2,760		3,217		487
10	Ivanhoe	23	4,977	35,856	37,690			3,143
5	Keg Coulee	12	4,755	52,736	52,532		336	4,623
154	Kevin Sunburst	909	22,674	44,988	40,752			26,910
1	Little Beaver	21	2,886	36,433	35,014			4,305
4	Little Beaver, East	11	2,714	36,219	33,744		775	4,414
	Mackay Dome		770					770
3	Melstone	8	1,116	3,261	2,562			1,815
5	Monarch	13	5,001	24,243	24,300			4,944
1	Mosser	1		213		213		
7	Outlook	11	5,460	43,334	41,626			7,168
3	Outlook, South	3	2,019	3,010	3,027			2,002
22	Pennel	31	10,786	99,291	96,042			14,035
4	Pine	150	13,945	410,816	412,400		173	12,188
73	Pondera	285	8,689	38,810	38,192			9,307
1	Pondera Coulee	1	144	1,337	1,140			341
6	Poplar, East	89	30,345	178,291	190,955			17,681
3	Poplar, Northwest	4	1,268	2,175	2,382			1,061
4	Ragged Point	10	2,520	12,531	13,350			1,701
4	Reagan	42	2,061	17,494	16,483			3,072
9	Red Creek	21	3,711	32,789	3,775	29,685		3,040
1	Redstone	1	732	1,060	1,586			206
1	Repeat	1	816	1,711	1,832			695
7	Richey	11	3,226	9,534	8,777			3,983
2	Richey, Southwest	2	2,064	3,585	3,156		771	1,722
4	Sand Creek	5	2,929	14,270	10,791			6,408
1	Sevenmile	1		5,486	5,486			
2	Sidney	2	937	2,033		1,292	24	1,654
2	Snyder	4	581	1,521		1,124		978
4	Soap Creek	8	3,666	5,709		5,710		3,665
10	Sensvad	25	9,157	116,172	115,520			9,809
29	Sumatra	94	15,759	235,089	236,655		45	14,148
7	Sweetgrass Hills	8	1,943	6,827		6,505		2,265
7	Tule Creek	7	3,352	64,185	65,487			2,050
13	Whitlash	32	5,431	10,371	10,465			5,337
12	Wills Creek	17	3,591	32,180	31,728			4,043
10	Wolf Springs	19	4,839	24,931	25,148			4,622
2	Woodrow	2	882	1,733	2,000			615
888		3,390	372,879	2,663,550	2,450,362	197,309	2,472	386,286

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1960	30,239,915	82,849	30,213,359	82,776
First Quarter, 1961	7,439,465	82,660	7,441,654	82,685
Second Quarter, 1961	7,543,737	82,896	7,508,896	82,515
Third Quarter, 1961	7,937,751	86,279	7,944,087	86,348
October, 1961	2,693,574	86,889	2,687,063	86,679
November, 1961	2,627,967	87,598	2,625,804	87,526
December, 1961	2,663,550	85,920	2,647,671	85,408

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December, 1960	359,360	669,036	652,546	1,680,942
March, 1961	348,087	721,005	636,988	1,706,080
June, 1961	377,539	887,739	701,122	1,966,400
September, 1961	366,428	1,077,757	714,968	2,159,153
December, 1961	386,286	940,839	629,288	1,956,413

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF DECEMBER, 1961

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,245				2,245		
BANNATYNE—Truck			1,076			1,076			
BELFRY—Truck			1,142				1,142		
BENRUD—Truck			3,631				3,631		
BIG WALL									
Glacier Pipe Line Co.		31,283				31,283			
BLACKFOOT—Union Oil Co.		2,669				2,669			
Truck			5,941				5,941		
		2,669	5,941			2,669	5,941		
BORDER—Truck			1,118			1,118			
BOWES—Texaco, Inc.		15,120				15,120			
BRORSON—Sun Oil Co.		1,593					1,593		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	321,795	991,962		556,120			1,565,940		303,937
Shell Pipe Line Corp.	1,899	142,103	76,237		(580)			218,829	1,990
	323,694	1,134,065	76,237	556,120	(580)		1,565,940	218,829	305,927
CAT CREEK—									
Glacier Pipe Line Co.		15,608				15,608			
CLARK'S FORK—Truck			1,388				1,388		
CUT BANK—									
Big West Oil Co.				29,186		29,186			
Darling Gathering System, Inc.	3,401	5,977			285			7,039	2,054
Glacier Pipe Line Co.				34,585				34,585	
Phillips Petroleum Co.	106,465	50,681		51,130	1,684	65,360		33,411	107,821
Texas Pipe Line Co.	55,097	19,745		6,108	785	4,313		28,970	46,882
Teton Pipe Line Corp.	65,305	38,667			400			63,929	39,643
Union Oil Co.	102,748	53,461		24,903	(321)	80,028			101,405
	333,016	168,531		145,912	2,833	178,887		167,934	297,805
DELPHIA—Glacier Pipe Line Co.		652					652		
DRY CREEK—									
Marathon Pipe Line Co.	9,490	1,770			90	2,954			8,216
DWYER—Truck			56,785				56,785		
ELK BASIN—Ohio Oil Co.		274,676				271,985	2,691		
FRANNIE—Ohio Oil Co.		1,926				1,926			
GAGE—Glacier Pipe Line Co.		957					957		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK									
The Texas Pipe Line Co.	12,044	75,949			975		82,019		4,999
HIBBARD—Truck			3,217				3,217		
IVANHOE—Glacier Pipe Line Co.		36,770					36,770		
KEG COULEE—									
Glacier Pipe Line Co.		52,529					52,529		
KEVIN-SUNBURST—									
Big West Oil Co.	2,048	49,867				49,826			2,089
Homestake Oil & Gas Co.	1,479	2,057		7,039	1,197	9,106			272
The Texas Pipe Line Co.	5,696	12,671			1,444	7,154		4,073	5,696
	9,223	64,595		7,039	2,641	66,086		4,073	8,057
MELSTONE—									
Glacier Pipe Line Co.		2,200					2,200		
MOSSER—Truck			213				213		
PONDERA—Phillips Petr. Co.	51,913	40,059		21,331	1,844	78,877			32,582
POPLAR, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK & DWYER									
East Poplar Gathering System	18,751	330,981			1,806			339,566#	8,360
RAGGED POINT—									
Glacier Pipe Line Co.		14,538					14,538		
REAGAN—Union Oil Co.		242				242			
RED CREEK—									
Union Oil Co.		3,775				3,775			
Truck			29,685				29,685		
		3,775	29,685			3,775	29,685		
SEVENMILE—Pipeline		5,486					5,486		
SIDNEY—Sun Oil Co.			1,292				1,292		
SNYDER—Truck			1,124				1,124		
SOAP CREEK—Truck			5,710				5,710		
SUMATRA AND STENSVAD—									
Crude Oil Pipe Line, Inc.	22,014	20,834			(109)	21,324			21,633
Glacier Pipe Line Co.	225,374	322,678			2,630	284,971	19,127		241,324
	247,388	343,512			2,521	306,295	19,127		262,957
SWEETGRASS HILLS—Truck			6,505			6,505			
WHITLASH—									
Big West Oil Co.		8,648				8,648			
Union Oil Co.		1,000				1,000			
Homestake Oil & Gas Co.		817				817			
		10,465				10,465			
WOLF SPRINGS—									
Crude Oil Pipe Line, Inc.	6,842	25,149			187	19,868			11,936
TOTALS	1,012,361	2,655,100	197,209	730,402	12,317	1,014,739	1,896,875	730,402	940,839

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey, and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF DECEMBER, 1961

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co ,.Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Belfry					1,142					1,142
Big Wall						4,102				4,102
Blackfoot									2,670	2,670
Bowes			13,616							13,616
Cat Creek		9,977		9,547		3,598				23,122
Cut Bank	515							65,102	87,755	153,372
Dry Creek				2,044						2,044
Dwyer							12,417			12,417
Elk Basin		61,700			210,285					271,985
Frannie				1,875						1,875
Hibbard					3,385					3,385
Kevin Sunburst	59,782									59,782
Pondera								79,007		79,007
Reagan									242	242
Red Creek									3,775	3,775
Richey, S. W.							1,356			1,356
Sumatra & Stensvad		728		124,484	208,714					333,926
Tule Creek							2,902			2,902
Whitlash									204	204
Wolf Springs					25,148					25,148
Total Montana Oil	60,297	72,405	13,616	137,950	448,674	7,700	16,675	144,109	94,646	996,072
Canadian Oil Imported										
Wyoming Oil Imported		372,556		303,845	593,050					1,269,451
Total Montana, Canadian & Wyoming Oil	60,297	444,961	13,616	441,795	1,041,724	7,700	16,675	144,109	94,646	2,265,523

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year 1960	28,852	56	39,406	68,314
December, 1960	24,376	105	37,629	62,110
December, 1961	32,131	0	40,950	73,081

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
	42.23%	.09%	57.68%
	39.24%	.18%	60.58%
	43.96%	0%	56.04%